

WHAT IS CLAIMED IS:

1. A system for providing an overhead image, comprising:
a scan region that receives a document containing data to be projected;
an illumination element that illuminates said document to produce image light;
means for capturing and digitizing said image light as digital information; and
a video subsystem that produces a projection image from said digital information.
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2. The system of claim 1 further comprising:
a central processing unit (CPU) to process said digital information before receipt by
said video subsystem.
3. The system of claim 2 wherein said CPU is operable to modify a color range
of said digital information.
4. The system of claim 2 wherein said CPU is operable to increase contrast
associated with said digital information.
5. The system of claim 2 wherein said CPU is operable to perform edge
enhancement of said digital information.
6. The system of claim 2 wherein said CPU is operable to create a printable file
utilizing said digital information.
7. The system of claim 2 wherein said CPU is operable to provide an electronic
file of said digital information to an interface.

8. A method for providing an overhead image, comprising:
illuminating a document placed in a scan region to produce image light;
capturing said image light;
digitizing said image light to produce a digital image representation of said document;
processing said digital image representation to enhance readability of said digital
image representation for overhead projection; and
driving a video subsystem with said processed digital image representation to project
said overhead image.

9. The method of claim 8 wherein said step of processing is operable to remove a
color range of said digital representation.

10. The method of claim 8 wherein said step of processing is operable to increase
contrast associated with said digital image representation.

11. The method of claim 8 wherein said step of processing is operable to perform
edge enhancement of said digital information.

12. The method of claim 8 further comprising:
creating a printable file format from said digital image representation.

13. The method of claim 8 further comprising:
creating an electronic file from said digital image representation; and
communicating said electronic file to a user device via an interface.

14. A system for providing an overhead image projection, comprising:
an illumination subsystem to illuminate a document to produce image light;
means for capturing and digitizing said image light to produce digital information;
memory for storing said digital information;
means for digitally enhancing said digital information to enhance readability of an
overhead image; and
a video subsystem operable to project said overhead image utilizing said processed
digital information.

15. The system of claim 14 wherein said means for capturing includes a charged
coupled device (CCD).

16. The system of claim 14 wherein said means for digitally enhancing performs
color removal.

17. The system of claim 14 wherein said means for digitally enhancing performs
contrast enhancement.

18. The system of claim 14 wherein said means for digitally enhancing performs
edge enhancement.

19. The system of claim 14 further comprising:
means for producing a printable file from said digital information.

20. The system of claim 14 further comprising:
means for producing a storable image file; and
an interface for communicating said storable image file to a user device.

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